

# PCB CROSS-SECTION SAMPLE

Fabricator: OK Print, Tokyo, Japan  
Thickness: .080" (2mm)  
Hole Dia: .012" (.3mm)  
Aspect ratio: 6.4:1  
Number/layers: 42  
'C'stage thickness: .0016" (.04mm)  
'B'stage thickness: .0016" (.04mm)  
Worst-case registration shift: .0016" (.04mm)

OK Print is a fabricator in Tokyo, specializing in complex, very high density PCBs.

Using scaling data and shift data provided by their PerfectTest system, they were able to produce this very high density PCB, with worst-case overall registration error of less than .002" (50 microns). Note the thin material (.0016"/.04mm).

PerfectTest identifies material movement error (expansion, + or -), and provides *the correct scale factor the first time.*



PerfectTest is the standard to identify, measure, monitor, predict and manage material movement and registration errors on high-density PCBs.

Visit our website at  
[www.perfectest.com](http://www.perfectest.com)

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